

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/050581A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04B1/04 H03F1/32

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H03F H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category \* Citation of document, with indication, where appropriate, of the relevant passages

Relevant to claim No.

X EP 0 928 072 A (NOKIA MOBILE PHONES LTD)  
7 July 1999 (1999-07-07)1, 3, 5,  
14, 15, 18  
1, 2, 4, 7,  
8, 10-13,  
16, 17paragraph '0007!  
paragraph '0021!  
figure 2  
figures 3A, 3B  
figure 4Y GB 2 389 006 A (\* MOTOROLA INC)  
26 November 2003 (2003-11-26)  
page 2, line 1 - line 8  
figures 1, 2, 4

1, 4, 16

-/-

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

26 April 2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 5 909 642 A (SUZUKI HIROSHI) 1 June 1999 (1999-06-01)	9
Y	column 2, line 48 - line 54 figure 1	2,10
X	US 5 712 593 A (AGAR JR BILL TABANO ET AL) 27 January 1998 (1998-01-27)	9
Y	column 3, line 33 - column 4, line 10	2,7,8, 11-13,17
	column 4, line 58 - line 65 column 6, line 1 - line 4 figures 1,2	
Y	EP 1 124 337 A (NOKIA INC) 16 August 2001 (2001-08-16) paragraphs '0015!', '0016! paragraph '0064! figure 2a figure 6	4,10,12, 17

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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GB 2389006	A	26-11-2003	NONE	
US 5909642	A	01-06-1999	JP 10022844 A	23-01-1998
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